

## COVER PHOTO :

Silicosis is still with us. Although the heaviest exposures to silica historically occurred in mines, quarries, and foundries, today other worksites may present greater risks. This street scene is likely a familiar one to city dwellers, but it shouldn't be. See article page 302. ■



## MYSTERY MAN

The first correct answer to our photo query in Dr. Satcher's article [PHR 113; 3:203] came from Victor M Cardenas, MD MPH PhD, UT-Houston School of Public Health:

- *That person in the photo is D.A. Henderson, field epidemiologist and [former] Dean of Johns Hopkins School of Hygiene & Public Health. I met him in Mexico when he served as advisor for the Mexican National Institute of Public Health.*

Other responses:

- *I am guessing [unless I am correct, in which case I am asserting] that the well-known public health doctor in the photo is Quentin Young. If correct, I have a slight edge because I grew up in Kenwood, Chicago with some of his many children and fondly remember the pinball machine in their basement!*
- *Could it be C. Everett Koop? Just a guess...*

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CHRISTINE OLIVER & BRUCE SHACKLETON  
At the interface of clinical medicine, toxicology, psychology, and engineering lie the understanding and remedies for this growing problem.

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JACK NEEDLEMAN  
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LIANA B. WINETT  
How public health appropriated violence.

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By Allan Mazur  
PHIL BROWN

# PUBLIC HEALTH

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Workplace exposure to asbestos, silica, coal, beryllium, and certain other dusts can lead to the progressive disease of pneumoconiosis. The permanent deposition of substantial amounts of particulate matter in the lungs leads to fibrosis, causing irreversible decrease in lung function. Some dusts, such as crystalline silica or chrysotile asbestos, can also cause cancer.



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Lungs removed from a miner who died of malignant mesothelioma, a type of cancer caused by exposure to asbestos. One lung is encapsulated by whitish cement-like tumors that have coalesced, crushing the lung to about a third of its normal size. The other lung appears more normal; the blackness on the lung could be from living in a city, but more likely is because this individual was a smoker.



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# DANGEROUS DUSTS

